

Converting Colors

CIELCh(66, 4.902, 342.189)

Have a look what the booklet for
CIELCh(66, 4.902, 342.189) contains.

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Color

CIELCh(66, 4.739, 344.057)

Conversions

Conversions Part 1

Format	Color
Hex	A89EA3
RGB	168, 158, 163
RGB Percent	66%, 62%, 64%
CMY	0.3420, 0.3812, 0.3616
CMYK	0.00, 0.06, 0.03, 0.34
HSL	330°, 5%, 64%
HSV	330°, 6%, 66%
XYZ	34.8896, 35.3238, 39.5338
YIQ	161.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

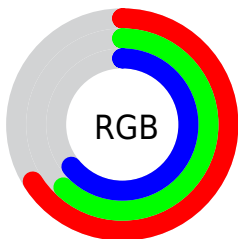
Format	Color
RYB	168, 158, 163
Decimal	11050659
CIELab	66.00, 4.56, -1.30
CIELCh	66, 4.739, 344.057
Yxy	35.3238, 0.3179, 0.3219
Android (android.graphics.Color)	4289240739 (0xFFA89EA3)
YUV	161.5600, 0.7099, 5.6479
Hunter-Lab	59.4338, 0.7760, 2.1656

Details

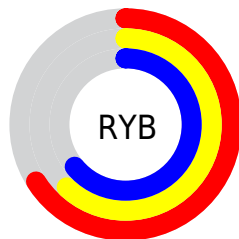
The CIELCh color $66, 4.739, 344.057$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 4.693, 163.252$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 4.488, 343.921$, and $46, 4.406, 347.334$ is the 20% darker color. If you saturate the color by 10%, you get $61, 12.835, 344.984$, and if you desaturate by 10%, it is $71, 3.159, 163.461$.

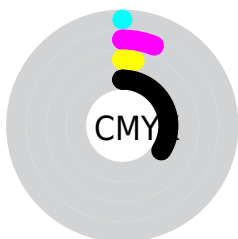
Distribution



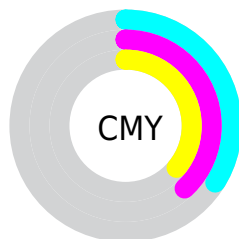
- Red (66%)
- Green (62%)
- Blue (64%)



- Red (66%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (34%)



- Cyan (34%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 4.739, 344.057 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 66, 4.739, 344.057 by changing the saturation by 10% instead.

■ 66, 4.739, 344.057

■ 66, 4.739, 344.057

■ 100, 4.739,
344.057

■ 56, 4.739, 344.057

■ 86, 4.739, 344.057

■ 46, 4.739, 344.057

■ 96, 4.739, 344.057

■ 36, 4.739, 344.057

■ 26, 4.739, 344.057

■ 16, 4.739, 344.057

■ 6, 4.739, 344.057

■ 0, 4.739, 344.057

■ 66, 4.739, 344.057

■ 66, 4.739, 344.057

■ 61, 12.835,

■ 71, 3.159, 163.461

344.984

75, 10.810,
162.658

57, 21.049,
345.966

80, 18.199,
161.978

53, 29.239,
347.070

85, 25.324,
161.357

49, 37.184,
348.337

90, 32.194,
160.783

45, 44.580,
349.829

94, 36.874,
161.409

42, 51.042,
351.630

94, 34.159,
166.960

39, 56.164,
353.857

94, 31.759,
173.370

37, 59.629,
356.657

94, 29.762,
180.698

36, 61.408, 0.167

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66, 4.739, 344.057



68, 4.693, 163.252

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66, 4.739, 344.057



66, 4.739, 34.057



66, 4.739, 164.057



66, 4.739, 214.057

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66, 4.737, 344.065



86, 1.972, 343.600



66, 5.883, 309.308



46, 1.119, 343.578



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 4.737, 344.065



83, 6.931, 344.175



66, 3.860, 19.639



34, 3.615, 344.203



31, 56.544, 1.193



2, 7.799, 347.587

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66, 4.737, 344.065



83, 6.931, 344.175



68, 3.721, 199.213



34, 3.615, 344.203



31, 56.544, 1.193



2, 7.799, 347.587

Previews

White Background



This preview shows how the CIELCh color 66, 4.739, 344.057 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 4.739, 344.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

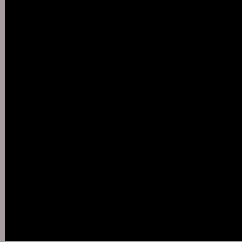
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 4.739, 344.057

Background



This preview shows how black text looks on a background with the CIELCh color 66, 4.739, 344.057.



This preview shows how white text looks on a background with the CIELCh color 66, 4.739, 344.057.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


66, 4.739, 344.057

Protanopia

66, 2.357, 309.129

Deuteranopia

66, 8.888, 350.405



Tritanopia
66, 8.084, 324.796

Trichromacy



Original Color
66, 4.739, 344.057

Protanomaly
66, 3.381, 324.540

Deuteranomaly
66, 7.277, 347.919

Tritanomaly
66, 7.203, 329.775

Monochromacy



Original Color
66, 4.739, 344.057

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.605, 335.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 4.739, 344.057 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(168, 158, 163)` looks like.

```
.text, #text, p{  
    color:rgb(168, 158, 163)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(168, 158, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 158, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 4.739, 344.057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 158, 163) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(168, 158, 163) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(168, 158, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 158, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 158, 163);  
box-shadow:4px 4px 4px 4px rgb(168, 158,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 4.739, 344.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 158, 163) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(168,  
158, 163) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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